

**Notice of Allowability**

Application No.

10/646,078

Applicant(s)

BARR ET AL.

Examiner

Art Unit

Nitin C. Patel

2116

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/30/06.
2. ☒ The allowed claim(s) is/are 1-40.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 6/30/06
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### **DETAILED ACTION**

1. This is in responsive to amendment filed on 30 June 2006.
2. Claims 1 – 40 are allowed.

### ***Information Disclosure Statement***

3. The information disclosure statement (IDS) submitted on 30 January 2006, and 30 June 2006 was filed after the mailing date of the first office action on 2 March 2006. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner. However, the examiner has striked through the references 244 [Iwazaki], 473 [Voit], and 890 [Dai], which have already been cited in PTO-892 of previous office action.

### ***Terminal Disclaimer***

4. The terminal disclaimer filed on 30 June 2006 disclaiming the terminal portion of any patent granted on this application, which would extend beyond the expiration date of US Patent applications s/n 10/646,79, and 10/646,099 has been reviewed and is accepted. The terminal disclaimer has been recorded.

### ***Reasons For Allowance***

5. With respect to claims 1, 22, and 23, the prior art fails to disclose or suggest "a memory storing information regarding the application program that may be used to determine power consumption and/or heat dissipation characteristics of the system when executing the application program; obtaining, from the memory, the information regarding the application program; and selecting and generating a first clock frequency for the first electronic device and a second clock frequency for the second electronic



Art Unit: 2116

device, based at least on the information about the application program", "storing in a memory, information regarding the application program that may be used to determine power consumption and/or heat dissipation characteristics of the system when executing the application program; obtaining, from the memory, the information regarding the application program; and selecting and generating a first clock frequency for the first electronic device and a second clock frequency for the second electronic device, based at least on the information about the application program", "a memory storing information regarding the application program that may be used to determine power consumption and/or heat dissipation characteristics of the system when executing the application program; a frequency calculator obtaining a stored information from the memory and selecting a first clock frequency for the first electronic device and a second clock frequency for the second electronic device, based at least on the stored information about the application program" respectively. Claims 2 – 21, and 24 – 40, depend from claims 1, 22 and 23 respectively, and likewise are allowable.

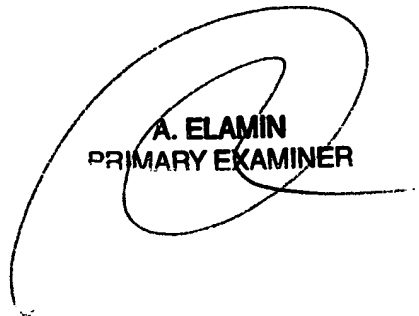
### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nitin C. Patel whose telephone number is 571-272-3675. The examiner can normally be reached on 6:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne H. Browne can be reached on 571-272-3670. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Nitin C. Patel  
July 26, 2006



**A. ELAMIN**  
**PRIMARY EXAMINER**